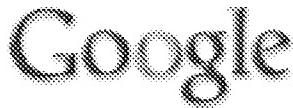
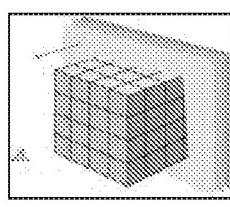
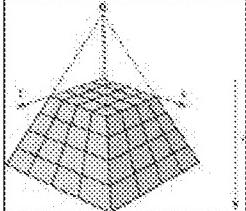
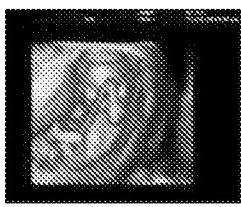


[Web](#) [Images](#) [Maps](#) [News](#) [Shopping](#) [Gmail](#) [more](#) ▾[Sign in](#)

rendering 3D, ultrasound data volume, the first and second 2D images

[Web](#) [Images](#)Results 1 - 20 of about 102,000 for [rendering 3D, ultrasound data volume, the first and second 2D images](#).**Image results for rendering 3D, ultrasound data volume, the first and second 2D images** - [Report images](#)**[Methods and systems for volume rendering using ultrasound data ...](#)**

A method for real time volume rendering of ultrasound data using 2D ... the first 2D ultrasound transducer array based on the second 3D ultrasound dataset. ...

[www.patentsform.us/patents/6544178-claims.html](#) - [Similar pages](#)

[Ultrasound imaging with real time 3D image reconstruction and ...](#)

A 3D image is generated in real-time on an ultrasound medical imaging system ... Levoy, Marc; "Volume Rendering Display of Surfaces from Volume Data," IEEE ...

[www.patentstorm.us/patents/5787889-claims.html](#) - [Similar pages](#)

More results from [www.patentstorm.us](#) ...

[GPU Gems - Chapter 40. Applying Real-Time Shading to 3D Ultrasound ...](#)

We use 3D projective texture mapping to volume render ultrasound data. ... 2D images, most humans have difficulty visualizing 3D volumetric data sets. ...

[http://developer.nvidia.com/GPUGems/gpugems_ch40.html](#) - 47K - [Cached](#) - [Similar pages](#)

[ScienceDirect - Ultrasonics : Freehand 3D ultrasound without ...](#)

Volume rendering [13], the projection of volumetric intensity data into a 2D image, is another useful way to visualise 3D ultrasound data. ...

[linkinghub.elsevier.com/retrieve/pii/S0041624X02001038](#) - [Similar pages](#)

[Computers & Graphics : Narrow-band volume rendering for freehand ...](#)

Volume rendering, the projection of volumetric intensity data into a 2D image, ... In sequential freehand 3D ultrasound, the data are visualised and ...

[linkinghub.elsevier.com/retrieve/pii/S0097849302000894](#) - [Similar pages](#)

More results from [linkinghub.elsevier.com](#) >

[Incremental 3D ultrasound imaging from a 2D scanner ...](#)

points per second. Visualizing a 3D data volume The reconstruction and rendering. take place for each new 2D image slice, so that the ...

[ieeexplore.ieee.org/iel2/284/3323/00109343.pdf?tp=&isnumber=&arnumber=109343](#) -

[Similar pages](#)

[Robust semi-transparent volume rendering of abdominal 3D ...](#)

medical ultrasound data is pre- give a method for interactive inspection of a textured 2D image was ex-. then, is by repeated rendering until the 3D ...

[ieeexplore.ieee.org/iel2/3188/9056/00401891.pdf?arnumber=401891](#) - [Similar pages](#)

[More results from ieeexplore.ieee.org »](#)

[PDF] Incremental volume reconstruction and rendering for 3D ultrasound ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

2D. Image. slice. Figure 2. Incremental volume visualization steps. Irregular data slices are first reconstructed into a regularly sampled 3D. volume data ...

www.cs.unc.edu/~fuchs/publications/incrementalVolReconstr92.pdf - Similar pages

[PS] NARROW-BAND VOLUME RENDERING FOR FREEHAND 3D ULTRASOUND CUED/F ...

File Format: Adobe PostScript - [View as HTML](#)

Volume rendering, the projection of volumetric intensity data into a 2D image, ratio of ultrasound images: the data volume is dominated by speckle ...

svr-www.eng.cam.ac.uk/reports/svr-ftp/gee_tr392.ps.gz - Similar pages

Preprocessing and Volume Rendering of 3D Ultrasonic Data

Third, the spatial interpretation of 2D ultrasound images is significantly more ... The second device, a Kretz Voluson 530, scans a 3D volume either by ...

doi.ieeecomputersociety.org/10.1109/38.391490 - Similar pages

[Interacting with Direct Volume Rendering](#)

The second development was volume-rendering hardware, such as Mitsubishi's The 3D ultrasound data is courtesy of Tom Nelson, UCSD Radiology department. ...

doi.ieeecomputersociety.org/10.1109/38.895124 - Similar pages

Method and apparatus to display 3d rendered ultrasound data on an ...

... and rendering the 3D ultrasound data volumes into first and second 2D images the 3D ultrasound volume data from the reflected ultrasound signals, ...

www.freepatentsonline.com/y2006/0098864.html - Similar pages

[Methods and systems for volume rendering using ultrasound data ...](#)

A method for real time volume rendering of ultrasound data using 2D A second volume rendering of 3D colorflow Doppler data associated with at least a ...

www.freepatentsonline.com/6544178.html - Similar pages

[More results from www.freepatentsonline.com »](#)

GE Healthcare-Brochure -The Basics of 3D/4D Ultrasound

The advent of 3D and 4D ultrasound for the first time allowed us a peek Volume Rendering means rendering the voxel-based data into viewable 2D image. ...

www.gehealthcare.com/usen/ultrasound/education/products/cme_3d4d.html - 38k -

Cached - Similar pages

(WO/2004/051307) METHOD AND APPARATUS TO DISPLAY 3D RENDERED ...

This limitation is due to the fact that the data rendering processing of the ... to render the 3D ultrasound data volumes into first and second 2D images by ...

www.wipo.int/pctdb/en/wo.jsp?wo=2004051307&IA=WO2004051307&DISPLAY=DESC - 34k

- Cached - Similar pages

[Paper] Real-Time Volume Rendering Systems

The resulting two-dimensional (2D) image can be displayed on a conventional Conclusion

The visualization of 3D data using volume rendering techniques ...

www.actapress.com/PDFViewer.aspx?paperId=20160 - Similar pages

[PDF] The Design of a 3D Ultrasound Image Acquisition and Reconstruction ...

File Format: PDF/Adobe Acrobat

volume by placing each acquired 2D image in its correct location in the. volume. Which are the rendering techniques that were used to visualize the 3D ...

www.geocities.com/ordony/GradProject.pdf - Similar pages

<i>3D Ultrasound Diagnostic Imaging: You've got the cutest little ...

The 2D images are captured directly from the conventional ultrasound system using ... This data enables accurate 3D-volume reconstruction and high quality ...

www.machinevisiononline.org/public/articles/archivedetails.cfm?id=360 - 32k -

Cached - Similar pages

[PDF] Intraoperative navigation for breast cancer surgery using 3D ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

by a surgeon, as well as data from mammograms. and 2D ultrasound images. as a first- or second-line diagnostic tool in non-palpa- ...

www.image.med.osaka-u.ac.jp/member/yoshi/paper/TamakiCAS1999.pdf - Similar pages

P09.07: Three-dimensional (3D) ultrasound with transparent minimal ...

The transferred ultrasound images were discussed using Expert system and 3D volume data were acquired. Postprocessing, minimum 3D rendering was ...

doi.wiley.com/10.1002/uog.1490 - Similar pages

1 2 3 4 5 6 7 8 9 [10](#) [Next](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#) |
[Try Google Experimental](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [Privacy](#) - [About Google](#)